

3731  
PATENTCase Docket No. LOMAU.138A  
Date: December 8, 2003

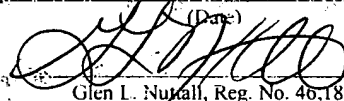
## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Yong Hua Zhu, et al.  
Appl. No. : 09/921,158  
Filed : August 1, 2001  
For : METHOD AND APPARATUS  
FOR CLOSING VASCULAR  
PUNCTURE USING  
HEMOSTATIC MATERIAL  
Examiner : Paul A. Roberts  
Group Art Unit : 3731

I hereby certify that this correspondence and all  
marked attachments are being deposited with the  
United States Postal Service as first class mail in  
an envelope addressed to: Commissioner for  
Patents, P.O. Box 1450, Alexandria, VA 22313-  
1450, on

December 8, 2003

(Date)

  
Glen L. Nuttall, Reg. No. 46,188

## TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

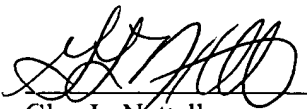
Enclosed for filing in the above-identified application are:

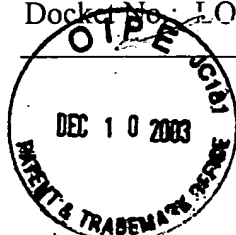
- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with fifty-two (52) references.
- (X) A check in the amount of \$180 to cover the above fee is enclosed.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

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Glen L. Nuttall  
Registration No. 46,188  
Attorney of Record  
Customer No. 20,995  
(949) 760-0404



## INFORMATION DISCLOSURE STATEMENT

Applicant : Yong Hua Zhu, et al.  
App. No. : 09/921,158  
Filed : August 1, 2001  
For : METHOD AND APPARATUS FOR  
CLOSING VASCULAR PUNCTURE  
USING HEMOSTATIC MATERIAL  
Examiner : P.A. Roberts  
Group Art Unit : 3731

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing fifty-two (52) references that are also enclosed. This Information Disclosure Statement is accompanied by the fees set forth in 37 C.F.R. § 1.17(p). The Commissioner is hereby authorized to charge any additional fees which may be required or to credit any overpayment to Account No. 11-1410.

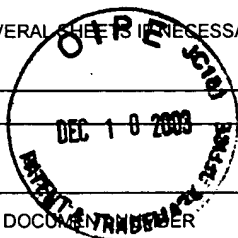
Respectfully submitted,

KNOBBE, MARTENS, OLSON &amp; BEAR, LLP

Dated: 12/8/03By: [Signature]

Glen L. Nuttall  
Registration No. 46,188  
Attorney of Record  
Customer No. 20,995  
(949) 760-0404

|   |  |  |                               |
|---|--|--|-------------------------------|
| FORM PTO-1449   | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO.<br>LOMAU.138A                 | APPLICATION NO.<br>09/921,158 |
| <b>INFORMATION DISCLOSURE STATEMENT<br/>BY APPLICANT</b><br><br>(USE SEVERAL SHEETS IF NECESSARY) |  | APPLICANTS<br>Yong Hua Zhu and Wolff M. Kirsch |                               |
|   |  | FILING DATE<br>August 1, 2001                  | GROUP<br>3731                 |



## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT<br>NUMBER | DATE     | NAME             | CLASS | SUBCLASS | FILING DATE<br>(IF APPROPRIATE) |
|---------------------|----|--------------------|----------|------------------|-------|----------|---------------------------------|
|                     | 1  | 3,483,870 A        | 12/16/69 | Coover et al.    |       |          |                                 |
|                     | 2  | 3,518,993          | 07/07/70 | Blake            |       |          |                                 |
|                     | 3  | 4,325,376          | 04/20/82 | Klieman, et al.  |       |          |                                 |
|                     | 4  | 4,351,466          | 09/28/82 | Noiles           |       |          |                                 |
|                     | 5  | 4,487,204          | 12/11/84 | Hrouda           |       |          |                                 |
|                     | 6  | 4,492,232          | 1/8/85   | Green            |       |          |                                 |
|                     | 7  | 4,534,351          | 8/13/85  | Rothfuss, et al. |       |          |                                 |
|                     | 8  | 4,539,990          | 9/10/85  | Stivala          |       |          |                                 |
|                     | 9  | 4,611,595          | 9/16/86  | Klieman, et al.  |       |          |                                 |
|                     | 10 | 4,616,650          | 10/14/86 | Green, et al.    |       |          |                                 |
|                     | 11 | 4,738,658          | 4/19/88  | Magro et al.     |       |          |                                 |
|                     | 12 | 4,821,719          | 4/18/89  | Fogarty          |       |          |                                 |
|                     | 13 | 4,917,087          | 4/17/90  | Walsh et al.     |       |          |                                 |
|                     | 14 | 4,930,674          | 6/5/90   | Barak            |       |          |                                 |
|                     | 15 | 4,931,058          | 6/5/90   | Cooper           |       |          |                                 |
|                     | 16 | 4,934,364          | 6/19/90  | Green            |       |          |                                 |
|                     | 17 | 5,015,249          | 5/14/91  | Nakato et al.    |       |          |                                 |
|                     | 18 | 5,114,400          | 5/19/92  | Lynn             |       |          |                                 |
|                     | 19 | 5,147,381          | 9/15/92  | Heimerl, et al.  |       |          |                                 |
|                     | 20 | 5,282,827          | 02/01/94 | Kensey et al.    |       |          |                                 |
|                     | 21 | 5,297,714          | 3/29/94  | Kramer           |       |          |                                 |
|                     | 22 | 5,300,065          | 4/5/94   | Anderson         |       |          |                                 |
|                     | 23 | 5,383,896          | 1/24/95  | Gershony et al.  |       |          |                                 |
|                     | 24 | 5,411,520          | 5/2/95   | Nash et al.      |       |          |                                 |
|                     | 25 | 5,417,699          | 5/23/95  | Klein et al.     |       |          |                                 |
|                     | 26 | 5,458,131          | 10/95    | Wilk             |       |          |                                 |
|                     | 27 | 5,545,178          | 8/13/96  | Kensey et al.    |       |          |                                 |

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| *EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT. |                 |

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
LOMAU.138AAPPLICATION NO.  
09/921,158INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANTS  
Yong Hua Zhu and Wolff M. KirschFILING DATE  
August 1, 2001GROUP  
3731

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|---------------------|----|-----------------|----------|-------------------|-------|----------|---------------------------------|
|                     | 28 | 5,556,375       | 09/17/96 | Ewall             |       |          |                                 |
|                     | 29 | 5,632,727       | 05/27/97 | Tipton et al.     |       |          |                                 |
|                     | 30 | 5,645,566       | 7/8/97   | Brenneman et al.  |       |          |                                 |
|                     | 31 | 5,662,681       | 9/2/97   | Nash et al.       |       |          |                                 |
|                     | 32 | 5,676,689       | 10/14/97 | Kensey et al.     |       |          |                                 |
|                     | 33 | 5,684,042       | 11/4/97  | Greff et al.      |       |          |                                 |
|                     | 34 | 5,725,551       | 3/10/98  | Myers et al.      |       |          |                                 |
|                     | 35 | 5,810,810       | 9/22/98  | Tay et al.        |       |          |                                 |
|                     | 36 | 5,811,091       | 9/22/98  | Greff et al.      |       |          |                                 |
|                     | 37 | 5,944,730       | 8/31/99  | Nobles et al.     |       |          |                                 |
|                     | 38 | 6,060,461       | 5/9/00   | Drake             |       |          |                                 |
|                     | 39 | 6,155,265 A     | 12/05/00 | Hammerslag et al. |       |          |                                 |
|                     | 40 | 6,198,016       | 3/01     | Lucast et al.     |       |          |                                 |
|                     |    |                 |          |                   |       |          |                                 |

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## FOREIGN PATENT DOCUMENTS

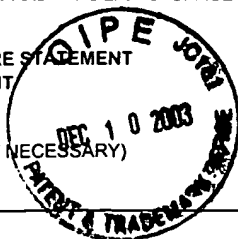
| EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE     | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|---------------------|----|-----------------|----------|---------|-------|----------|-------------|----|
|                     |    |                 |          |         |       |          | YES         | NO |
|                     | 41 | EP 0 028 452 A1 | 05/13/81 | Europe  |       |          |             |    |
|                     | 42 | EP 646 350      | 4/5/95   | Europe  |       |          |             |    |
|                     | 43 | WO 00 07640     | 02/17/00 | PCT     |       |          |             |    |
|                     | 44 | WO 01 62159     | 2/26/01  | PCT     |       |          |             |    |
|                     | 45 | WO 02 09591     | 8/2/01   | PCT     |       |          |             |    |
|                     | 46 | WO 03 008002    | 1/30/03  | PCT     |       |          |             |    |
|                     | 47 | WO 03 008003    | 7/19/02  | PCT     |       |          |             |    |
|                     | 48 | WO 96 10374     | 4/11/96  | PCT     |       |          |             |    |
|                     | 49 | WO 96 24291     | 8/15/96  | PCT     |       |          |             |    |

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DATE CONSIDERED

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|   |  | FILING DATE<br>August 1, 2001                  | GROUP<br>3731                 |



| FOREIGN PATENT DOCUMENTS |    |                 |          |         |       |          |             |    |
|--------------------------|----|-----------------|----------|---------|-------|----------|-------------|----|
| EXAMINER<br>INITIAL      |    | DOCUMENT NUMBER | DATE     | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
|                          |    |                 |          |         |       |          | YES         | NO |
|                          | 50 | WO 99 42535     | 08/26/99 | PCT     |       |          |             |    |
|                          | 51 | WO 99 62405     | 12/09/99 | PCT     |       |          |             |    |
|                          |    |                 |          |         |       |          |             |    |

| EXAMINER<br>INITIAL | OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) |  |  |  |  |  |  |  |
|---------------------|--|--|--|--|--|--|--|--|
|                     | 52   | Gershony, Gary, M.D. A Novel Femoral Access Site Closure Device: Duet. Early European Clinical Trials, Los Angeles Cardiology Associates, Seminar, Coronary Interventions, Oct. 16-18, 1997. |  |  |  |  |  |  |

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